

indicated above will be considered before final action is taken on this proposal. Copies of all written comments received will be available for examination by interested persons in the Office of the Rules Docket Clerk at the address listed above. The proposal may be changed in the light of the comments received.

The Department has determined that an Environmental Impact Statement is not required with respect to this rule. A copy of the Finding of Inapplicability is available for inspection at the above address.

It is hereby certified that the economic and inflationary impacts of this proposed rule have been carefully evaluated in accordance with OMB Circular A-107 and Executive Order 11821.

Accordingly, it is proposed to amend 24 CFR 24-1.709.50 to read as follows:

§ 24-1.709.50 Small business class set-aside for construction, including repair and reconditioning.

A class set-aside is hereby made for each proposed procurement for construction, including repair and reconditioning, in an amount ranging from estimates of \$2,000 to \$1,000,000. Accordingly, contracting officers shall set-aside for small business each proposed procurement in this range. If a contracting officer determines that any particular procurement falling within the class set-aside requirements of this Section is unsuitable for such a set-aside in whole or in part, the set-aside may be withdrawn or modified in accordance with HUDPR 24-1.709. Proposed procurements for construction which exceed an estimate of \$1,000,000 shall be considered for set-aside on a case-by-case basis.

(Sec. 7(d), Department of Housing and Urban Development Act, 42 U.S.C. 3535(d).)

Issued at Washington, D.C. August 11, 1977.

PATRICIA ROBERTS HARRIS,
Secretary, Department of
Housing and Urban Development.

[FR Doc. 77-24183 Filed 8-19-77; 8:45 a.m.]

DEPARTMENT OF TRANSPORTATION

Materials Transportation Bureau

[49 CFR Part 193]

[Notice No. 77-4A; Docket No. OPSO-46]

LNG FACILITIES; FEDERAL SAFETY STANDARDS

Extension of Comment Period and Listing of Supplementary Sources of Back- ground Materials

AGENCY: Materials Transportation Bureau; Office of Pipeline Safety Operations, DOT.

ACTION: Supplement to Advance Notice of Proposed Rulemaking, and extension of time for comments.

SUMMARY: This supplemental notice of proposed rulemaking lists sources of background materials used to develop draft safety regulations included in the advanced notice of proposed rulemaking, and extends the time for filing comments. The Supplemental notice is

needed because of requests from some of the commenters that we supply source information that they say will be useful in making complete and helpful comments. The deadline for comments has been extended to allow commenters additional time to procure copies and to refer to the copies before commenting further.

DATE: The comment period of Notice No. 77-4 is extended to December 1, 1977.

ADDRESS: Comments should be sent to: Director, Office of Pipeline Safety Operations, Department of Transportation, Trans Point Building, 2100 Second Street, SW., Washington, D.C. 20590.

All comments received will be available for inspection and copying at Docket Room 6500, Trans Point Building.

FOR FURTHER INFORMATION CONTACT:

Peggy Hammond, 202-426-0135.

SUPPLEMENTARY INFORMATION: The Materials Transportation Bureau (MTB) published an Advance Notice of Proposed Rulemaking (ANPRM) (42 FR 20776) on April 21, 1977, concerning Federal safety standards for LNG facilities. The ANPRM contains a comprehensive set of draft regulations which are intended to serve as a basis for public comment and participation in identification of LNG safety problems and the development of appropriate regulatory solutions to those problems, considering all reasonable alternatives. Since the ANPRM was published, MTB has received requests to identify any sources of information used to develop the draft safety regulations included in the ANPRM which were not mentioned in the preamble. Persons making the requests have indicated that background material would be useful in making comprehensive comments on the ANPRM, especially in areas which are significantly different from the present standards in NFPA 59A.

It is MTB's policy to solicit the greatest possible participation by the public in the rulemaking process at any early stage and to ensure, to the extent possible, that the public is aware of the issues upon which it is asked to comment. Therefore, MTB is publishing the following list of the principal information among sources which have either general or specific relation to the draft regulations published in the ANPRM. To the best of MTB's knowledge, items on the list are available from the addresses given.

While the draft regulations are in general based upon the National Fire Protection Association Standard 59A (1975 edition) and the other listed materials, the use of the material and its application in developing the draft regulations was determined by MTB's staff. Materials used may have been modified based upon personal expertise, experience, and engineering judgment.

The following information sources are applicable to the board body of the draft regulations.

CODES, STANDARDS, AND REGULATIONS

(Items 1-7, National Fire Protection Association (NFPA).)

1. Storage and Handling of Liquefied Natural Gas, NFPA 59A, 1971, 1972, and 1975 editions—Applicability—Basic, general reference.

2. Flammable and Combustible Liquids Code, NFPA 30—Applicability—Subpart E.

3. Installation Maintenance and Use of Portable Fire Extinguishers, NFPA 10—Applicability—Subpart N (incorporated § 193.1207 and 193.1307(c)(1)).

4. Stationary Combustion Engines and Gas Turbines, NFPA 37—Applicability—Subpart D (incorporated § 193.329).

5. Fire Prevention in Use of Cutting and Welding Processes, NFPA 51B—Applicability—Subpart N (incorporated § 193.1305(b)(4)).

6. National Electrical Code, NFPA 70—Applicability—Subparts D and N (incorporated §§ 193.323(a)(2) and 193.1305(a)(2)).

7. Recommended Practice on Static Electricity, NFPA 77—Applicability—Subparts D, F, and H (incorporated § 193.1305(a)(2)).

8. Regulations Covering the Design, Operation, Maintenance, and Repair of Liquefied Natural Gas (LNG) Plants and Systems—DPU-11725 F. Massachusetts Gas Distribution Codes, Section 5—Department of Public Utilities, Commonwealth of Massachusetts—Applicability—General background.

9. Proposed N.Y. Administrative Code 16 NYCRR, Part 259, Liquefied Natural Gas, New York Public Service Commission—Applicability—Subparts B, E, and K and General background.

10. Proposed Chapter 377, Liquefied Natural Gas of Title 12 NJAC, Department of Labor and Industry, State of New Jersey—Applicability—Subpart B and General background.

11. Cryogenics Safety Manual—A Guide to Good Practice, British Cryogenics Council—Applicability—Subpart L and General background.

12. Safety Recommendations, IGE/SR/11, Liquefied Natural Gas, Parts 1 and 2, Communications 763, 776, and 856, The Institution of Gas Engineers—Applicability—Subpart F and General background.

13. Liquefied Flammable Gases, Storage and Handling—Imperial Chemical Industries Limited—Applicability—General background.

14. Building Standard Law, EHS, Law Bulletin Series, ERS Vol. III, No. 3,600, Eiburn-Hotel-Sha, Inc. — Applicability — General background.

(ITEMS 15-21, AMERICAN PETROLEUM INSTITUTE (API))

15. Pipeline Valves, API Spec. 6D—Applicability—Subparts C, D, and G.

16. Recommended Practice for Electrical Installations in Petroleum Processing Plants, API RP 540—Applicability—Subpart D.

17. Centrifugal Compressors for General Refinery Services, API 617—Applicability—Subparts D and I.

18. Heat Exchangers for General Refinery Service, API 660—Applicability—Subpart H.

19. Air-Cooled Heat Exchangers for General Refinery Services, API 661—Applicability—Subpart H.

20. Recommended Practice for Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents, API RP 2003—Applicability—Subpart D.

21. Recommended Rules for Design and Construction of Large, Welded, Low Pressure Storage Tanks, API 620—Applicability—Subparts F and K (incorporated §§ 193.529(a), 193.1027(b), 193.1033, and 193.1033(a)).

(ITEMS 22-25, AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI))

22. Steel Pipe Flanges, Flanged Valves, and Fittings, ANSI B16.5—Applicability—Subpart D.

23. Power Piping, ANSI B31.1—Applicability—Subpart D.

24. Fuel Gas Piping, ANSI B31.2—Applicability—Subpart D.

25. Petroleum Refinery Piping, ANSI B31.3—Applicability—Subparts C, D, and K (Incorporated §§ 193.307(e)(1), 193.307(3)(2), and 193.1025(b)).

(Items 26-32, American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code)

26. Section II, Part A, Ferrous Materials—Applicability—Subpart C.

27. Section II, Part B, Nonferrous Materials—Applicability—Subpart C.

28. Section II, Part C, Welding Rods, Electrodes and Filler Metals—Applicability—Subparts C and K.

29. Section V, Nondestructive Examination—Applicability—Subpart K.

30. Section VIII, Division 1, Pressure Vessels—Applicability—Subparts D, F, H, and K (Incorporated §§ 193.327, 193.529(b), 193.705, and 193.1025(c)).

31. Section VIII, Division 2, Alternative Rules, Pressure Vessels—Applicability—Subparts D, F, and K (Incorporated §§ 193.327, 193.529(b), and 193.1025(c)).

32. Section IX, Welding and Brazing Qualifications—Applicability—Subpart K (Incorporated § 193.1017(a)(1)).

33. Uniform Building Code—International Conference of Building Officials—Applicability—Subpart B (Incorporated § 193.111(c)(1)).

(Items 34 & 35, American Insurance Association)

34. National Building Code—Applicability—Subpart B.

35. Fire Prevention Code—Applicability—Subparts B and N.

36. The BOAC Basic Building Code, Building Officials and Code Administrators International, Inc.—Applicability—Subparts B, F, K and reference other design and construction standards.

(Items 37-43, American Concrete Institute (ACI))

37. Recommended Practice for Concrete Floors and Slab Construction (ACI 302)—Applicability—Subparts D, E, F, and K.

38. Recommended Practice for Measuring, Mixing, Transporting, and Placing Concrete (ACI 304)—Applicability—Subpart K.

39. Recommended Practice for Concrete Inspection (ACI 311)—Applicability—Subpart K (Incorporated § 193.1011(b)).

40. Building Code Requirements for Reinforced Concrete (ACI 318)—Applicability—(§ 193.531(a)).

41. Recommended Practice for Shotcreting (ACI 506)—Applicability—Subparts D, E, F, and K.

42. Minimum Requirements for Thin-Section Precast Concrete Construction (ACI 525)—Applicability—Subparts D, E, F, and K.

43. Design and Construction of Circular Prestressed Concrete Structures (Title No. 67-40)—Applicability—Subparts D, E, F, and K (Incorporated § 193.531(a)).

44. Standard Marking System for Valves, Fittings, Flanges, and Unions (MSS SP-25)—Manufacturers Standardization Society of the Valves and Fittings Industry—Applicability—Subparts D and F.

45. Aluminum Standards and Data 1972-73—Aluminum Association—Applicability—Subparts C, D, F, and K.

46. Tentative Standard Insulated Tank Truck Specification CGA-341 for Cold Liquefied Gases, 1970 (CGA-341), Compressed Gas Association, Inc., New York—Applicability—Subparts E, F, and G.

GENERAL TECHNICAL INFORMATION AND DATA

47. Final Report Technology and Current Practices for Processing, Transferring, and Storing Liquefied Natural Gas—NTIS PB-241048—Applicability—Basic, general reference.

48. Risk Management Technique for Design and Operation of Liquefied Natural Gas Facilities and Equipment—NASA CR-139183—Applicability—General background.

49. Risk Management Technique for Design and Operation of Facilities and Equipment (75-WA/Aero), American Society of Mechanical Engineers.

50. Alaska Natural Gas Transportation Systems, DEIS, El Paso Alaska System, Vol. II, Federal Power Commission—Applicability—Subparts B, C, D, E, F, G, J, and General background.

51. Alaska Natural Gas Transportation Systems, DEIS, Western LNG Point Conception Terminal, Federal Power Commission—Applicability—Subparts B, C, D, E, F, G, J, and General background.

52. Cryogenic Safety Review, Western LNG Terminal Co., National Bureau of Standards for the Federal Power Commission—Applicability—Subparts D, E, F, G, and J.

53. Draft Environmental Impact Report for the Proposed Oxnard LNG Facilities (Executive Summary)—Socio Economic Systems, Inc.—Applicability—Subparts B, D, E, F, and G.

54. Design Considerations for the Cove Point LNG Terminal, R. C. Van Meerbeke, AGA Transmission Conference, May 1976—Applicability—Subparts B, E, and G.

55. ERC LNG Task Force Draft Report on Task 1: LNG Safety, ERC—Applicability—Subpart B and General background.

56. Thermodynamics Properties of a Lean Natural Gas at Cryogenic Conditions, American Gas Association—Applicability—General background.

57. Safety and Reliability of LNG Facilities, American Society of Mechanical Engineers—Applicability—General background.

58. Process Techniques and Hardware Uses Outlined for LNG Regasification, Oil and Gas Journal, May 13, 1974—Applicability—General background.

59. LNG Importation and Terminal Safety, National Academy of Sciences—Applicability—General background.

60. LNG Information Book, American Gas Association—Applicability—General background.

61. Hazards of Chemical Rockets and Propellants Handbook, Vol. III, Liquid Propellant Handling, Storage, and Transportation (DOD), NTIS AD 870259 CPIA 194—Applicability—General background.

62. Operating Section Proceeding, 1968, 1970, 1971, 1975, American Gas Association—Applicability—Subparts B, D, E, F, G, H, I, J, K, L, M, N, and General background.

63. Gaseous Fuels, L. Schmidman, American Gas Association—Applicability—Subparts E and M.

64. Gas Engineers Handbook, American Gas Association (Industrial Press)—Applicability—Subpart M.

The following information sources are primarily applicable to specific subparts.

SUBPART B.

65. Supplement Task III, Summary of LNG Safety Research, 1974, Arthur D. Little, Inc.

66. Technical Support Service Memoranda 1976, Arthur D. Little, Inc.

67. LNG Safety Program, Interim Report on Phase II Work, IS-3-7 1974, American Gas Association.

68. LNG Safety Program, Interim Final Report, IS-128-1 1976, American Gas Association.

69. Vulnerability Model 1975, U.S. Coast Guard, NTIS AD-A015 245.

70. Explosion Hazards Associated with Spills of Large Quantities of Hazardous Materials, Phase I 1974, U.S. Coast Guard, NTIS AD-A001242. Note.—Preliminary data on subsequent phases has been reviewed, but has not yet been published.

71. Evaluation of LNG Vapor Control Methods, American Gas Association.

72. Review of LNG Spill Vapor Dispersion and Fire Hazard Estimation and Control Methods (E. M. Drake, A. D. Little, Inc., and H. R. Wesson, Wesson and Associates, Inc.), AGA Transmission Conference, May 1976.

73. Fire and Explosion Hazards Associated with Liquefied Natural Gas, D. Burgess and M. Zabetakis, Bureau of Mines, U.S. Department of the Interior.

74. Special Hazards Bulletin, American Insurance Association.

75. Supplement to the Final Environmental Impact Statement for the Construction and Operation of an LNG Import Terminal at Providence, R.I., 1976, Federal Power Commission.

76. Environmental Factors in Siting LNG Facilities, Special Technical Supplement, The NUS Letter, November 1974.

77. Hazards Associated with the Importation of Liquefied Natural Gas, June 1976, Rand Corp.

78. Safety Considerations in Siting Housing Projects, U.S. Department of Housing and Urban Development.

79. Studies on Explosives and Explosions, Bureau of Mines, U.S. Department of the Interior.

80. Gas Explosions in Buildings: Their Cause and Prevention, U.S. Department of the Interior.

81. Report on the Investigation of the Fire at the Liquefaction, Storage, and Regasification Plant of the East Ohio Gas Co., Cleveland, Ohio, October 20, 1944, U.S. Department of the Interior.

82. Pipeline Accident Report, Phillips Pipeline Company, Propane Gas Explosion, Franklin County, Mo., December 9, 1970, National Transportation Safety Board, NTSB PAR-72-1.

83. Hazards of Spillage of LNG into Water, 1972, Bureau of Mines, U.S. Coast Guard, NTIS AD 754498.

84. Cold Cargo (J. A. Fay and James MacKenzie), Environment, November 1972, Hackett Publishing Co.

85. How LNG Boils on Soils, E. Drake, A. D. Little, Inc., and R. Reid, MIT, Hydrocarbon Processing, May 1975.

86. Code of Federal Regulations, Title 10, Energy, Part 100, U.S. Government Printing Office.

87. Seismic Risk Studies in the United States, 1969 (U.S. Department of Commerce), Geological Survey, U.S. Department of the Interior.

88. A Probabilistic Estimate of Maximum Acceleration in Rock in the Contiguous United States, 1976, S. Algermissen and D. Perkins, Geological Survey, U.S. Department of the Interior.

89. Seismic Safety Considerations for Buried Pipe, Lawrence Livermore Laboratory, University of California.

90. Response of Buried Piping to Earthquake Ground Motion, Proposal, 1972, Mechanical Engineering Department, Lawrence Livermore Laboratory.

91. Building Standards and the Earthquake Hazard for the Puget Sound Basin, 1974, Department of Civil Engineering, University of Washington.

92. Special Study, Protection of Transportation Facilities against Earthquakes

1972, National Transportation Safety Board, NTSB STS-72-1.

93. Earthquake Instrumentation Criteria for Nuclear Power Plants, Draft 1972, American Nuclear Society.

94. Guidelines for Determining the Operating Basis for Earthquake and Associated Vibratory Ground Motion, Draft 1972, American Nuclear Society.

95. The Great Alaska Earthquake of 1964, 1973, National Academy of Sciences.

96. Engineering Report on the Managua Earthquake of December 23, 1972, 1975, National Academy of Sciences.

97. Earthquake Prediction—Opportunity to Avert Disaster, 1975, U.S. Department of the Interior.

98. Predicting Earthquakes, A Scientific Technical Evaluation—with Implication for Society, 1976, National Academy of Sciences.

99. Earthquake Prediction and Public Policy, 1975, National Academy of Sciences.

100. Assessment of Research on Natural Hazards, 1975, G. White and J. Hass, The MIT Press.

SUBPARTS C, D, F, AND K

101. Cryogenic Materials Data Handbook (Revised), Volumes I and II, Sections A, B, and C, 1970, Martin Marietta Corp. for the U.S. Department of Commerce, NTIS 713 619 and 713 620.

102. Thermal Insulation Systems, A Survey, 1967, National Aeronautics and Space Administration (NASA SP 5027, U.S. Government Printing Office).

(Items 103–111, The International Nickel Co., Inc. (Materials and Design))

103. Steels for Containment of Liquefied Gas Cargoes.

104. Standard Wrought Austenitic Stainless Steels (Manual 252).

105. Specification and Foreign Equivalents for Austenitic Chromium Nickel Stainless Steels.

106. Low Temperature Data Sheet, Types 304 and 3042, Stainless Steels.

107. Cast Stainless Steels (Bull. A).

108. Mechanical and Physical Properties of the Austenitic Chromium Nickel Steels at Subzero Temperatures (Bull. C).

109. Mechanical and Physical Properties of the Austenitic Chromium Nickel Stainless Steels at Elevated Temperatures.

110. Mechanical and Physical Properties of the Austenitic Chromium Nickel Stainless Steels at Ambient Temperatures.

111. Effects of High Temperature Steam Exposure in the Properties of Superheater Alloys.

(Items 112 and 113, American Society of Mechanical Engineers)

112. Fatigue and Fracture Toughness Properties of 9 Percent Nickel Steel at LNG Temperatures, (Paper No. 73, Pet. 4).

113. Prestressed Concrete for the Transport of Liquefied Natural Gas (Paper No. 73, Pet. 37).

(Items 114–119, the Aluminum Association)

114. Section 3, Engineering Data for Aluminum Structures.

115. Section 1, Specifications for Aluminum Structures.

116. Welding Aluminum.

117. Aluminum Welders Training Manual.

118. Aluminum Brazing Handbook.

119. Aluminum Soldering Handbook.

(Items 120–125, The International Nickel Co., Inc. (Design and Fabrication))

120. Matching the Austenitic Chromium Nickel Stainless Steels.

121. Structural Stainless Steel, Guidelines for Design.

122. Fabrication of Chromium Nickel Stainless Steel, 300 Series.

123. Welding of Austenitic Chromium Nickel Stainless Steels—Techniques and Properties.

124. Standard Recommended Practice for Cleaning and Descaling Stainless Steel Parts, Equipment, and Systems.

125. The Joining of Light Wall Stainless Steel Piping.

126. Reinforced Concrete Design Handbook (ACI SP-3), American Concrete Institute.

127. Piping Handbook, Crocker Book Co., McGraw-Hill.

128. Pipe Manufacturing Defects, Moody International, Inc.

129. New Developments and Applications in Manual Plasma Arc Welding, Linde Division, Union Carbide Corp.

130. Plasma Needle Arc for Very Low Current Work, Linde Division, Union Carbide Corp.

SUBPART F

131. NBS Technical Note 608, Study of Cryogenic Storage Tank Fatigue Life, 1971, U.S. Department of Commerce, U.S. Government Printing Office.

132. LNG Tank Discussions 1976 Gas Operations School, Bentley College, Waltham, Mass., 1976, Stone and Webster Engineering Corp.

133. Land Storage Reservoirs for Liquefied Natural Gas, 1972, American Society of Mechanical Engineers (Paper No. 72, Pet. 62).

(Items 134 and 135, Chicago Bridge and Iron Co.)

134. New Developments in Above Ground Metal LNG Containers, 1968.

135. Cryogenic Storage Facilities (Bull. No. 8650).

(Items 136 and 137, Preload Technology Inc.)

136. Preload Tanks for LNG Service, A Status Report, 1975.

137. Safety Assessment of LNG Containers and Protective Systems.

138. Purging, Cooldown, Performance Testing of Prestressed Concrete LNG Containers, 1976 (AGA Transmission Conference, May 1976).

139. Theoretical Advantages of Pressure Stored LNG, D. W. Linscott and Associates.

140. Drilled Pier Foundations, McGraw-Hill Book Co.

141. LNG Stratification and Rollover, J. Sarsten, Presented at Midyear meeting of the American Petroleum Institute's Division of Refining, May 1973 (American Petroleum Institute).

142. Mixing and Rollover in LNG Storage Tanks, J. Smith, J. Lewis, G. Randall, J. Moldon, Cryogenic Engineering Conference, August 1973 (Distrigas Corp.).

143. LNG Rollover-Update, E. Drake, Hydrocarbon Processing, Vol. 55, No. 1, January 1976.

144. 600,000 bbl Tank to use Internal Insulation, Flexible Liner, A. Duffy, A. Shoup, The Oil and Gas Journal, August 1, 1966.

NOTE.—A comprehensive survey of LNG technical literature which also could serve as a basis for public comment is available in "Liquefied Natural Gas," issued quarterly and compiled by the National Bureau of Standards for the American Gas Association. Address: Cryogenic Data Center, Attn. Ms. Debbie Frizen, National Bureau of Standards, Boulder, Colorado 80302.

ADDRESSES FOR SOURCES OF REFERENCE MATERIAL

Items 1 thru 7

National Fire Protection Association, 470 Atlantic Avenue, Boston, Mass. 02210.

Item 8

Commonwealth of Massachusetts, Department of Public Utilities, 100 Cambridge Street, Boston, Mass. 02202.

Item 9

New York Public Service Commission, 44 Holland Avenue, Albany, N.Y. 12208.

Item 10

State of New York, Department of Labor and Industry, Bureau of Engineering and Safety, Trenton, N.J.

Item 11

British Cryogenics Council, 16 Belgrave Square, London, England SW1.

Item 12

The Institution of Gas Engineers, 17 Grosvenor Crescent, London, England SW1.

Item 13

The Royal Society for the Prevention of Accidents, 52 Grosvenor Gardens, London, England SW1.

Item 14

Elburn-Horel-Sha, Inc., 13-14 Higashinakano, 4 Chrome Nakano-ku, Tokyo, Japan.

Items 15–21, and 141

American Petroleum Institute, 1801 K Street NW., Washington, D.C. 20006.

Items 22–25

American National Standards Institute, Inc., 1430 Broadway, New York, N.Y. 10018.

Items 26–32, 49, 57, 112, 113, and 133

American Society of Mechanical Engineers, United Engineering Center, 345 East 47th Street, New York, N.Y. 10017.

Item 33

International Conference of Building Officials, 5360 S. Workman Mill Road, Whittier, Calif. 90601.

Items 34 and 35

American Insurance Association, 85 John Street, New York, N.Y. 10038.

Item 36

Building Officials and Code Administrators International, Inc., 1313 E. 60th Street, Chicago, Ill. 60637.

Items 37–43 and 126

American Concrete Institute, Box 19150, Redford Station, Detroit, Mich. 48219.

Item 44

Manufacturer's Standardization Society of the Valve and Fittings Industry, 1815 No. Ft. Meyer Drive, Arlington, Va. 22209.

Items 45, 46 and 114–119

The Aluminum Association, 750 Third Avenue, New York, N.Y. 10017

Items 47, 61, 69, 70, 83 and 101

National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22151.

PROPOSED RULES

Item 48

National Aeronautics and Space Administration, Design Directorate, Kennedy Space Center, Fla.

Items 50, 51, 52 and 75

Federal Power Commission, 825 North Capitol Street NE., Washington, D.C. 20426.

Item 53

Socio Economic Systems, Inc., 6420 Wilshire Boulevard, Los Angeles, Calif. 90048.

Items 54, 56, 60, 62, 63, 64, 67, 68, 71 and 72

American Gas Association, 1515 Wilson Boulevard, Arlington, Va. 22209.

Item 55

Energy Resources Council, Executive Office Building, Washington, D.C. 20500.

Items 58 and 144

Oil and Gas Journal, P.O. Box 1280, Tulsa, Okla. 74101.

Items 59, 95, 96, 98 and 99

National Academy of Sciences, 2101 Constitution Avenue NW., Washington, D.C. 20418.

Items 65 and 66

Arthur D. Little, Inc., Acorn Park, Cambridge, Mass. 02140.

Items 73, 79, 80 and 81

Bureau of Mines, Department of the Interior, 18th and C Streets NW., Washington, D.C. 20240.

Item 76

NUS Corporation, 4 Research Place, Rockville, Md. 20850.

Item 77

The Rand Corporation, Santa Monica, Calif. 90406.

Item 78

Department of Housing & Urban Development, Office of Policy Development and Research, Energy, Building Technology, and Standards Division, 451 Seventh Street SW., Washington, D.C. 20410.

Items 82 and 92

National Transportation Safety Board, 800 Independence Avenue SW., Washington, D.C. 20594.

Item 84

Environment, Hackett Publishing Co., Inc., 4047 North Penn Street, Indianapolis, Ind. 46205.

Items 85 and 143

Hydrocarbon Processing, Gulf Publishing Co., Box 2608, Houston, Tex. 77001.

Items 86, 102 and 131

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Items 87, 88 and 97

Geological Survey, Department of the Interior, National Center, Reston, Va. 22092.

Items 89 and 90

Lawrence Livermore Laboratory, University of California, Livermore, Calif. 94550.

Item 91

University of Washington, Department of Civil Engineering, Seattle, Wash. 98195.

Items 93 and 94

American Nuclear Society, 244 East Ogden Avenue, Hinsdale, Ill. 60521.

Item 100

The MIT Press, Massachusetts Institute of Technology, Cambridge, Mass. 02142.

Items 103-111, and 120-125

The International Nickel Co., Inc., One New York Plaza, New York, N.Y. 10004.

Item 127

McGraw-Hill Book Co., 330 West 42d Street, New York, N.Y. 10036.

Items 128 and 140

Moody International, Inc., 227 Friendship Plaza Bldg., 5937 Broad Street Mall, Pittsburgh, Pa. 15206.

Items 129 and 130

Linde Division, Union Carbide Corporation, 270 Park Avenue, New York, N.Y. 10017.

Item 132

Stone and Webster Engineering Corp., Process Industries Group, One Penn Plaza, New York, N.Y. 10001.

Items 134 and 135

Chicago Bridge and Iron Co., Oak Brook, Ill. 60521.

Items 136-138

Preload Technology Inc., 839 Stewart Avenue, Garden City, N.Y. 11530.

Item 139

D. W. Linscott and Associates, 116 Elberon Avenue, Allenhurst, N.J.

Item 142

Distrigas Corporation, 125 High Street, Boston, Mass. 02110

To permit sufficient time for the public to acquire the listed source materials, to review them, and submit their comments, the comment period is hereby extended to December 1, 1977.

AUTHORITY: Sec. 3, Pub. L. 90-481, 82 Stat. 721 (49 U.S.C. 1672); 49 CFR 1.53(a) and paragraph (b) (2) of Appendix A to Part 102.

Issued in Washington, D.C. on August 17, 1977.

CESAR DELEON,
Acting Director, Office of
Pipeline Safety Operations.

[FR Doc.77-24304 Filed 8-19-77;8:45 am]